

FOLIO

Trio Appointed to University Professorships

The academic careers of Karol Krotki, Norbert Morgenstern, and William Wonders have advanced to a significant plateau. Each was recently appointed a University Professor by President Horowitz. They join James Barrington, Leslie Green, Henry Kreisel, Raymond Lemieux, Fenton MacHardy, George Walker, and Max Wyman in the position that extends well beyond a single discipline and often beyond a single Faculty.

University Professorships originated in 1967 both to assist in "recruitment of outstanding scholars to the staff" and to be awarded to individuals of particular merit who were already on staff and whose work and responsibilities were interdisciplinary in nature.

The University Professorship Selection Committee considers nominations to this distinction, which may emanate from any member or group of academic staff. The three main thrusts of University endeavor (scholarly research, teaching, service to the community) normally receive recognition through rewards based on highly specialized and narrowly focussed criteria of excellence. The committee recommends that the title of University Professor should be granted to those individuals who have achieved outstanding distinction in all three areas. Nominations are subsequently submitted to the President.

The title "University Professor," then, is intended to recognize the achievements of outstanding individuals, to bestow honor upon them, and most importantly, to provide arrangements for the use of their special talents as scholars and teachers throughout the University.



Karol J. Krotki

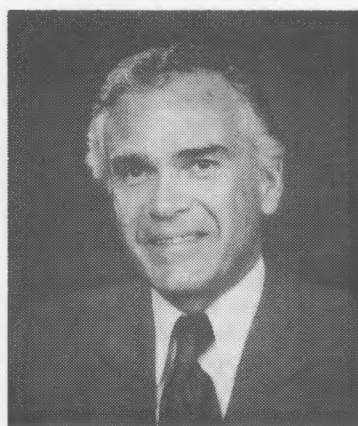
Karol J. Krotki

Professor Krotki has been referred to as "an internationally recognized scholar in the field of population studies who has also contributed in a most significant and influential sense to the intellectual development of demography in Canada."

Many of his students at the undergraduate and graduate levels have become respected scholars in numerous Canadian universities or have been appointed to positions in government and industry.

Professor Krotki, who was born in Cieszyn, Poland, in 1922, took his advanced education in Cambridge University and at Princeton University. His degrees include those of MA in Economics and PhD in Economics.

From 1949 to 1958 he was Deputy Director, Department of Statistics, Government of Sudan, Khartoum. Throughout this term he was frequently called upon to carry out economic and financial research for the government, including design and execution of surveys, and all as-



Norbert R. Morgenstern

pects of data processing and data analysis. He also assisted private firms, other governments, and international organizations in matters pertaining to economics, statistics, sociology, and demography.

Following two years as a Visiting Fellow at Princeton, Professor Krotki was a Research Adviser, Institute of Development Economics, Karachi, Pakistan.

He came to Canada in 1964 to fill the position of Assistant Director (Census Research) with the Dominion Bureau of Statistics in Ottawa. Promoted to Chief Statistician 1 a year later, he directed the demographic research of three sections dealing with demographic research, data methodology, and population forecasting and estimating.

In 1966, as Chief Statistician 2, he was responsible for the design, launching and analysis, with others, of the testing program for the census of 1971.

Professor Krotki was appointed to our University's Department of Sociology in 1968. He has taught undergraduate and graduate courses



William C. Wonders

in research methods and in demographic fields, particularly in fertility and migration theory and interrelationship of demographic, social, and economic variables.

In 1971-72, on leave from the University, he assisted in the establishment of Conseiller de Recherches, Centre de Recherches et d'Etudes Demographiques, Rabat, Maroc. He also directed field work and analysis of data collected by newly developed methods.

Professor Krotki has held the concurrent appointments of Visiting Lecturer in Economics, University of California, Berkeley (1976); Staff Associate, Human Resources Research Council, Alberta Government, and Coordinator of Socio-Economic Studies (1969 to 1971); Visiting Professor of Biostatistics, University of North Carolina (1970 to 1973); Visiting Professor, Department of Sociology and Population Studies Center, University of Michigan (1975); and Visiting Scholar, Institut National d'Etudes Demographiques, Paris (latter part of 1975).

The new University Professor is the author, co-author, editor, or co-editor of twelve books and monographs; some 100 articles in learned journals and *ad hoc* publications; and some fifty book reviews. He has been a member of the editorial board of *Canadian Studies in Population* since 1974.

Professor Krotki was elected a Fellow of the Royal Society of Canada in 1979.

Norbert R. Morgenstern

Professor Morgenstern's scholarly activities and interests encompass several disciplines of engineering and applied earth sciences in which he has gained international recognition. Prominent among his many achievements is the development of a research school on arctic geotechnics.

Professor Morgenstern, a graduate of the University of Toronto (BSc), Imperial College of Science and Technology (DIC), and the University of London (PhD 1964), has been associated with our University's Department of Civil Engineering since 1968. He has advised consulting engineers and public agencies on a variety of problems in engineering earth sciences. Dams; landslides and slope stability (soil, rock, and permafrost); highway, bridge, building, marine, and other foundation problems; pipelines; and

and underground excavations . . . all are within his ken.

Firms in the United Kingdom, Malaysia, Panama, the Republic of Cyprus, Brazil, Italy, the United States, and other countries have engaged Professor Morgenstern. Closer to home, he has applied himself to the Rocky Mountain House Dam, the Red Deer River Dam, the Edmonton transit tunnels, Athabasca Oil Sands shafts and tunnels, and numerous other projects.

Professor Morgenstern is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, the Engineering Institute of Canada, the Geological Society of London, the American Society of Civil Engineers, the International Association for Engineering Geologists, and several other major organizations.

From 1971 to 1975 he was a member of the UNESCO Committee of Experts on Strong Motion Seismology and, from 1971 to 1978, a member of the Associate Committee for Geotechnical Research, National Research of Canada. He was inducted into the Royal Society of Canada in 1975.

Professor Morgenstern has served on the Board of Directors of the Edmonton Symphony Society since 1978 and has been Vice-President of the Society since 1979.

William C. Wonders

Professor Wonders has been one of the few leading geographers in Canada for a number of years. In 1953, for example, he established the first courses in geography at this University and served as Professor and Head of the Department of Geography from 1957 to 1967.

A driving force behind the emergence of the Canadian Association of Geographers in the late 1950s, he occupied that organization's presidential chair in 1961-62. In 1964-65 Professor Wonders was the first President of the Alberta Geographical Society.

A native of Toronto, he laid the foundation for his exemplary career by earning a BA, Honors Geography, at the University of Toronto in 1946. His other degrees—MA, Geography, and PhD, Geography—were taken at Syracuse University and the University of Toronto, respectively.

If called upon, he could have written interesting papers on "How I Spent My Summer Vacation." In 1951 he took a 20,000 mile camping trip by car through the United States and Mexico. Two years later he was off on a 10,000 mile car trip through western Europe and Scandinavia.

Professor Wonders prepared urban geography maps of Edmonton for the *National Atlas of Canada* in 1956. At that time he was an Associate Professor of Geography in the Department of Political Economy. After being appointed Head of the Department of Geography, he instituted a full graduate program which includes a meteorology division. In 1967 Professor Wonders introduced Geography to the University of Calgary.

He has been Guest Professor at Uppsala University, Sweden; Visiting Professor at the University of Oklahoma; and Research Fellow in Geography at the University of Aberdeen, Scotland.

A joint author of the *Atlas of*

Alberta, published in 1969, and the *Junior Atlas of Alberta*, published in 1979, Professor Wonders has also written articles for *Universal Standard Encyclopedia*, the *Encyclopedia of Science and Technology*, and *The World Book Encyclopedia*.

He was elected a Fellow of the Royal Society of Canada in 1979 and received an Alberta Achievement Award in 1980. Two more significant events occurred in 1981—Professor Wonders was an invited participant in the First International Conference on Arctic Historical Discovery and Cartography in Rome, and he was awarded an honorary degree by Uppsala University.

Last year he was presented an Award for Service to the Profession of Geography by the Canadian Association of Geographers.

Professor Wonders has, through personal research and writing, made outstanding contributions to the expansion of knowledge about Canada's geography and the comparative geography of other countries with northern interests. □

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The Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325

All enquiries and correspondence should be directed to
Ron Thomas
Editor

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Board of Governors

The Board of Governors met on 7 January and *Folio* gleaned the following news from the proceedings.

Department Chairmen

The Board Educational Affairs Committee (formerly the Academic Concerns Committee) gave notice of the reappointment of Ted Aoki as Chairman of the Department of Secondary Education and the appointment of Clarke Hazlett as Chairman of the Department of Health Services Administration and Community Medicine.

Dr. Aoki, whose new term begins on 1 July 1983, and runs for two years taught in provincial elementary, junior, and senior high schools for nineteen years preceding his initial appointment to the Department of Secondary Education in 1964. From 1975 to 1978 he served as Professor and Coordinator of the Centre for the Study of Curriculum and Instruction at the University of British Columbia. Dr. Aoki returned to

our University on 1 July 1978 as Professor and Chairman of the Department of Secondary Education.

The holder of BCom, BEd, MEd, and PhD degrees, Dr. Aoki is affiliated with many educational organizations including the World Council for Curriculum and Instruction, the Canadian Ethnic Studies Association, and the Canadian Association of Professors of Education.

Dr. Hazlett has been Acting Chairman of the Department of Health Services Administration and Community Medicine since January 1982. His five-year term as Chairman begins on 1 July 1983.

A graduate of this University (BEd, MEd, PhD), he taught at schools in British Columbia and Edmonton before joining the R.S. McLaughlin Examination and Research Centre. Dr. Hazlett's association with the University's Health Services Administration Division began in 1972; he has held the positions of Senior Public Health Research Scientist, Direc-

tor, and Acting Chairman. The latter position came on stream when the Division of Health Services Administration was given departmental status last year via the merger with the Department of Community Medicine.

Among Dr. Hazlett's awards and research grants are those from the National Health Research and Development Program, the Department of National Health and Welfare,

and the Alberta Heritage Savings Trust Fund Applied Research.

Grants

The Governors approved a grant of \$2,000 to the Edmonton Hire-A-Student Society and a grant of \$1,000 to the University of Alberta Mixed Chorus. The Hire-A-Student Society is an organization whose purpose is

to coordinate and stimulate job opportunities for secondary and post-secondary students in the metropolitan Edmonton region. The Mixed Chorus is one of the oldest non-athletic clubs on campus. Now in its thirty-ninth year of operation, the Chorus is known for its spring tours to various parts of Alberta and, occasionally, to neighboring provinces and the Northwest Territories.

Library Expansion

The Building Committee reported for information that it had approved the appointment of the firm Advanced Planning and Research for Architecture (APRA) as a planning/program consultant and the appointment of David Kaser as a "library consultant" for planning of short and long-term solutions to li-

brary development at the University.

A ceiling of \$40,000 has been placed on the cost for preparation of a Phase I report and the report is to be submitted to the Building Committee within six months.

University of Alberta Press

Documentation supplied to the Board included a letter from Dick Johnston, Minister of Advanced Education, which noted that the University of Alberta Press had been granted \$66,000 for 1982-83. Vice-President (Academic) R.G. Baldwin had requested continuation of a special grant in support of the Press.

Mr. Johnston expressed best wishes for "the continuing success of the University of Alberta Press in its program of publishing significant Canadian works."□

Staff and Students Help CANSAVE

For more than ten years, the Department of English at the University has been the prime mover behind a fund-raising drive for CANSAVE. Each year, the Department organizes the sale of CANSAVE Christmas cards and, in recent years, a "book box," with all the proceeds going to CANSAVE. According to Noel Parker-Jervis, long-time coordinator of the project, this year's campaign, while not a record,

must surely be considered a success. The contribution? \$2,377.20. "We raised more this year than last and I wonder if it is because more people are sending cards in lieu of gifts," speculates Professor Parker-Jervis. Whatever the reason, hats off to all those who supported CANSAVE, and a special thank you to the Department of English for its initiative and enthusiasm.□

Destination Hogtown?

The University's Alumni Association would appreciate hearing from anyone from campus who will be in the Toronto area at any time between 15 March and 15 April of this year and would be willing to make a presentation as part of a series of speakers' nights being organized by the Toronto Branch of the Associ-

ation.

Topics should be of current or general interest, and the treatment should be suitable for an educated lay audience.

For further information, please contact Rick Pilger of the Alumni Affairs Office, telephone 432-3224, prior to 31 January.□

Tadeusz Walkowski, 1898-1983

Tadeusz Walkowski, known in Edmonton's Polish community as The Colonel, died on 3 January at the age of 85.

Colonel Walkowski, a career officer in the Polish Army, came to Edmonton in 1955. Extremely active in Polish community affairs, the Colonel was President of the Canadian Polish Congress from 1957 to 1963. In recent years, as Director of

the Cultural Division of the Congress, he organized many donations of Polish books to the University Library. Most recently, on the occasion of the retirement of Bruce Peel as University Librarian, he donated more than 200 books from his personal library (see *Folio*, 19 August 1982).

Colonel Walkowski was a man of great vitality and warmth. He shall be missed by all who knew him.□

Faculty of Education Schedules McCalla Lecture

Robert S. Patterson, recipient of the McCalla Research Professorship in the Faculty of Education for the 1981-82 academic year, will deliver a lecture on 25 January in which the normal school era in teacher education will be assessed.

The McCalla Lecture, "Go, Grit, and Gumption: A Normal School Perspective on Teacher Education," will be given at 3:30 p.m. in 2-115 Education North.

For the first forty years of Alberta's history, provisions for teacher education were made primarily, but not exclusively, in normal schools. Teacher preparation programs offered within these institutions varied in length from a few weeks to eight months; entrance requirements allowed for admission of students with different amounts of high school education; and course work focussed on the curriculum to be taught, practice teaching, and the rudiments of psychology, educational history, and school management.

The intention of Dr. Patterson's lecture is to precipitate a re-examination of concerns which continue to command the attention of

teacher educators: their role in educational leadership, their relationships with various partners in teacher education, mutual responsibilities, program elements, and selection and admission of students.

The McCalla Professorship, one of the programs supported by the Endowment Fund of this University to assist researchers, provides for released time for a nine-month period to permit uninterrupted concentration on research projects. Recipients of the yearly award are selected on the basis of their reputation and recognition as scholars in their field, evidence of a sustained program of research activity, and the quality of their proposed plan of research.

A graduate of this University where he obtained his bachelor's and master's degrees, Dr. Patterson also studied at Michigan State University from which he received his doctorate. He began his teaching career at Ross Sheppard High School in Edmonton and later became a lecturer at The University of Alberta. He joined this University's Faculty of Education in 1966 and has

concentrated his teaching and research on the history of education in Canada.

Dr. Patterson has been Chairman of the Department of Educational Foundations and Associate Dean for Planning and Development. He is the Dean-designate of the Faculty and will be-

gin this new appointment on 1 July 1983.

The author of a number of published papers and co-author of several books, Dr. Patterson is widely respected for his historical work on progressive education and the normal school era. □

Killam Professor to Give Inaugural Lecture

Terry Caelli, an Australian psychologist recently appointed to a Killam Memorial Chair in Science and Technology (see *Folio*, 9 September 1982), will give his inaugural lecture on Tuesday, 1 February. The public lecture, which begins at 4:30 p.m. in Lecture Theatre B-1 of the Henry Marshall Tory Building, is entitled "Interpreting the visible world: the science and art of seeing."

Dr. Caelli, 34, is the youngest person ever named to an endowed chair at this University. His main research interests lie in investigating and modelling filter characteristics of the visual system and their implications to geometric properties of visual space-time.

Dr. Caelli's lecture will look at the process of acquiring knowledge through perception. "In recent years, significant steps have been made in establishing the mechanisms for vision both within the retina and vertebrate brain," explains the Killam Professor. "It is the

aim of this lecture to explore just how this new knowledge may be used to further understand the function of normal/abnormal vision and the more interpretive processes with art and design."

As a Killam Professor, Dr. Caelli works in close association not only with the Department of Psychology but also with the Departments of Computing Science, Mathematics, Electrical Engineering, Ophthalmology, and Physiology.

Killam Memorial Chairs were established by Dorothy Killam in memory of her late husband, Isaak Walton Killam, a prominent Canadian industrialist whose estate was also instrumental in founding the Canada Council. There are two Killam Memorial Chairs in Science and Technology at The University of Alberta. The second Killam Chair is currently occupied by Hiroomi Umezawa, Department of Physics. □

Righting Wrongs

An article dealing with University of Alberta Patent Policy in *Folio* (16 December 1982) incorrectly states that current policy gives the University rights to all inventions made by staff of the University or made using University equipment. The correct current policy is that outlined in the Faculty Agreement 16.01—If a staff member in the course of the staff member's normal University program makes an invention or discovery which has patent possibilities

and the staff member wishes to apply for a patent, the staff member may do so either as an individual independent of the University or via the University's patent plan.

For information on the film series "The Long Search: Quest for Faith" (see *Folio*, 6 January 1983), please telephone the Chaplains' Offices at 432-4513 or 433-2238. The number 432-2238 appeared in error and should be disregarded. □

people

The Department of Administrative Services has recently appointed *R.A. Fuller* to the newly-created position of Contracts Administration Officer. Mr. Fuller will be responsible for the administration of contracts within the organization of the Vice-President (Facilities and Services) to ensure the "efficient, effective, and legal utilization of contracts to acquire goods and services for major building-related projects." Mr. Fuller, who has had significant experience with private development firms, will work closely with the Departments of Design and Construction, Physical Plant, and Purchasing and Distribution.

V.G. Gourishankar (Electrical Engineering) visited the People's Republic of China during November 1982. He was invited to give a series of lectures on Optimal and Adaptive Control-Theory and Applications at the Shipbuilding Engineering Institute, Harbin, Heilongjiang Province (6 to 25 November), and at the Industrial University in Shanghai (25 November to 1 December).

President Horowitz met with the Appraisals Committee of the Ontario Council on Graduate Studies on 4 January in Toronto. He has been asked to assist that Committee in its review of all graduate programs of Education in Ontario Universities.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Alberta Heritage Foundation for Medical Research

20 January, 11 a.m. Douglas C. Wallace, Assistant Professor, Department of Genetics, Stanford University, will speak on "Applications of recombinant DNA technology in medical genetics." Sponsored by the Department of Pediatrics,

Division of Medical Genetics and Department of Genetics, Faculty of Science, 6-102 Clinical Sciences Building.

1 February, 9 a.m. Leonard Pinsky, Director, Centre for Human Genetics, McGill University, will present a lecture entitled "Androgen Resistance: Clinical Aspects." 2-115 Clinical Sciences Building.

1 February, Noon Dr. Pinsky will speak on "Minor Congenital Anomalies: Their Clinical and Epidemiologic Significance." 5-104 Clinical Sciences Building.

Department of Food Science

20 January, A Canadian Institute of Food Science and Technology Mini Symposium on the topic of Modified Atmosphere Packaging and Storage will cover theory, some current applications, and applications research. The meeting will be held in TB-56 Tory Building. The program is as follows:

1:30 to 2 p.m. Welcome and Overview of Theory and Fundamentals (F.H. Wolfe)

2 to 2:30 p.m. Modified Atmosphere Packaging of Meat - A Review of Theory and Applications (J. Langton, Canadian Liquid Air Ltd.)

2:30 to 3 p.m. Industrial Applications of Modified Atmosphere Packaging (M. Fierheller)

3:15 to 3:45 p.m. Modified Atmosphere Packaging of Bakery Products (B. Ooraikul)

3:45 to 4:30 p.m. Modified Atmosphere Storage of Raw Milk (B. Skura, University of British Columbia)

Faculty of Medicine

20 January, 2 p.m. Donald Bates, Department of Medicine, McGill University, will present a lecture, "What Would Happen to Canada in a Nuclear War?" Sponsored by Edmonton Chapter, Physicians for Social Responsibility, and the Faculty of Medicine. Education North Auditorium.

Department of Anthropology

The department will host two Distinguished Visitors: Robert Tonkinson from the Department of Prehistory and Anthropology, Australian National University, Canberra; and James Woodburn from the Department of Social Anthropology, the London School of Economics, and Political Science, University of London. They will present the following lectures.

20 January, 3 p.m. Dr. Tonkinson will present a seminar entitled "Religion as Economy in Western Desert Aboriginal Culture." 14-6 Tory Building.

25 January, 3 p.m. Dr. Woodburn will speak on "Economy and Social Organization in Hunting and Gathering Societies: A Comparative Approach." 14-6 Tory Building.

27 January, 3 p.m. A summary colloquium which will also involve two members of the department, Michael Asch and Milton Freeman. 14-6 Tory Building.

Department of Classics

20 January, 3:30 p.m. D. Fishwick will speak on "The Altar of Augustus and the Municipal Cult of Tarraco with an epilogue on the 'Altar' coins of Lugdunum." 1-8 Humanities Centre.

Department of English

20 January, 3:30 p.m. C.Q. Drummond will speak on "Ignorance, Coming, and Believing in *The Pilgrini's Progress*." 5-20 Humanities Centre.

27 January, 3:30 p.m. P.S. Sri will present a seminar entitled "The Inheritance of Caliban: Literary Problems Shared by Third World Writers in English." 5-20 Humanities Centre

Department of Economics

21 January, 3 p.m. Edwin Blewett will speak on "Measuring Life Cycle Inequality." 8-22 Tory Building.

28 January, 3 p.m. Peter Coyte, Simon Fraser University, will present a seminar entitled "Tenure and Non-Tenure Employment." 8-22 Tory Building.

Department of Philosophy

21 January, 3 p.m. Bas van Fraassen of Princeton University will speak on "Theory Confirmation: Tension and Conflict." L-2 Humanities Centre.

Patents at the University

25 January, 3:30p.m. A seminar on patents at the University titled "Industrial and Intellectual Property (Patents)" will have participants from Canadian Patents and Development Limited and the patent office of Consumer and Corporate Affairs. Bob Porteous and Ian Webb will speak on "The Patent System and Operation of the Patent Office." Ron Bitner will talk about "Handling of Patents by CPDL Patent Section." K. Frank Crowe will address the topic "Marketing of Patents by CPDL." Lecture Theatre B-1 H.M. Tory Building.

Department of Botany

26 January, 3:30 p.m. Dorothy Fabijan, will speak on "A systematic analysis of the *Viola nuttallii* complex." M-137 Biological Sciences Building.

Science Dining Club

26 January, 6 p.m. J.A. Plambeck of the Department of Chemistry will speak on "Chemistry: 1583 A.D. - Alchemy and Phlogiston." For reservations, please telephone Donna Arbuthnott at 432-5072. Guests of Faculty Club members are welcome. Saskatchewan Room - Faculty Club.

Department of History

28 January, 3:05 p.m. Shirley Ayer will speak on "Heritage Conservation in Edmonton." 2-28 Tory Building.

Faculty of Library Science

31 January F.W. Lancaster, University of Illinois, will present two lectures. The first, at 2 p.m., will be on "Performance Measurement in Libraries." 165 Education Building. In the second, at 7:30 p.m., Professor Lancaster will speak on "Libraries and Librarians in the Age of Electronics." L-1 Humanities Centre.

Killam Memorial Chair

Inaugural Lecture

1 February, 4:30 p.m. Killam Memorial Professor T.M. Caelli will present his inaugural lecture on "Interpreting the Visible World: the Science and Art of Seeing." Lecture Theatre B-1 H.M. Tory Building.

Music

Edmonton Gregorian Chant Choir

The choir meets every Monday evening, 7 to 8.30 p.m. For more information, call St. Joseph's College at 433-1569. No experience necessary. 3-01 Rutherford Library South.

Department of Music

21 January, 5 p.m. A non-compulsory student recital featuring Maria Thompson on the piano. Convocation Hall.

25 January, 8 p.m. A non-compulsory student recital with Elizabeth Raycroft, mezzo-soprano. Convocation Hall.

28 January, 8 p.m. A non-compulsory student recital featuring Sandra Butner on the flute. Convocation Hall.

29 January, 8 p.m. Joseph McAlpine, provisional candidate for the Doctor of Music degree in piano. Convocation Hall.

31 January, 8 p.m. New Music at The University of Alberta. Convocation Hall.

Exhibitions

Until 6 February: "New Work New York." Ring House Gallery.

18 January to 15 March Unheard Music: 20th-century Poetry in Rare and Illustrated Editions. The Bruce Peel Special Collections Room, B-37 Cameron Library.

Films

20 January "The Long Search: Quest for Faith" film series features "Protestant Spirit U.S.A." at 12:30 p.m. in the Newman Centre, St. Joseph's College; 7:30 p.m. in 158 SUB. Sponsored by the U. of A. Chaplains.

27 January "The Long Search: Quest for Faith" film series features "Footprint of the Buddha" at 12:30 p.m. in the Newman Centre; 7:30 p.m. in 158 SUB.

Good Monday Morning

"Good Monday Morning" is a film about worklife and the women who live it. The office of the future, and the effects of microtechnology on women workers is the subject of this film. In it, women talk about their work and how it affects their lives. The film was produced by Laura Sky for the National Union of Provincial Government Employees and is now available for bookings at the Faculty of Extension. For information on the film, call the Extension Women's Program at 432-3093 or the Extension Media Division at 432-5039.

Radio and Television

Radio

Programs broadcast on CKUA radio 580 AM and 94.9 FM.

21 January, 8 p.m. Voiceprint—"Urdu Language and Literature."

22 January, 7 p.m. University Concert Hall—Concerts, recitals, and interviews with Faculty and special guests of the Department of Music.

26 January, 7 P.M. Behind the Curtain—"Solstice Mutiny" written by Gerald Locke.

26 January, 7:30 p.m. Extensions—Instructors in the Faculty of Extension discuss their subject areas.

26 January, 7:45 p.m. Perspectives—Issues underlying current events examined in lively debate format.

28 January, 8 p.m. Voiceprint—"African languages and Literatures."

Television

Programs broadcast on Q-9 and C-13. 24 January, 9 p.m. Islam in Focus.

26 January, 9 p.m. Faculty Profiles—Faculty of Arts, Department of History: "Dr. Brian Evans Takes a Look at the History of China "

27 January, 9 p.m. Underground Coalgasification—The Research Council of Alberta's extensive experiments of the utilization of otherwise inaccessible resources.

Sports

Basketball

20 January, 8 p.m. Golden Bears vs. University of Calgary. Varsity Gym.

21 January, 8 p.m. Pandas vs. University of Calgary. Varsity Gym.

22 January, 6:45 p.m. Pandas vs. University of Lethbridge. Varsity Gym.

22 January, 8:30 p.m. Golden Bears vs. University of Lethbridge. Varsity Gym.

Matters of Faith

Lutheran Campus Ministry Worship each Sunday at 10:30 a.m. in the Newman Centre, the west basement of St. Joseph's College. All are welcome.

26 January, 7:30 p.m. Father Jack Madden, C.S.B., Campus Ministry, will speak on "The Old Testament." The idea of prophecy; the historical background and the teaching of the prophets. 102 St. Joseph's College.

SUB Theatre

Dance

21 and 22 January, 8 p.m. SUB Theatre presents Compagnie De Danse Eddy Toussaint. Tickets available at all BASS outlets.

Films

26 January, 8 p.m. "Tattoo."

27 January, 8 p.m. "Young Doctors in Love."

28 and 29 January, 8 p.m. "Diner."

30 and 31 January, 8 p.m. "The World According to Garp."

Non-Credit Courses

Devonian Botanic Garden

Classes located at Botanic Garden. Phone 987-3054 for brochure, information, and registration details.

Botanical Illustration

Dates: 8 February to 29 March. Time: 6:30 to 9:30 p.m. Fee: \$75. An introductory course in botanical drawing with emphasis on both the aesthetic and scientific approach

Winter Plant Identification

Date: 5 February. Time: 1 to 5 p.m. Fee: \$15. Learn to identify trees and shrubs by fruit, twig, bud, and bark characteristics.

Faculty of Extension

Urban Design

Dates: 27 January to 3 March. Time: 6:30 to 9 p.m. Fee: \$100. For further information, call 432-2912.

Environmental Impact Assessment

Dates: 14 to 15 February. Time: 9 a.m. to 4:30 p.m. Fee: \$125. For further information, call 432-2912.

Aerobic Dance Plus

Date: Starts 1 February. Fee: \$65 for 20 classes. Phone: 432-2015.

Fitness for Women (2)

Date: Starts 25 January. Fee: \$65 for 20 classes. Phone: 432-2015.

From Fat to Fit

Date: Starts 25 January. Fee: \$65 for 20 classes. Phone: 432-2015.

Relaxercise (1) or (2)

Date: Starts 17 January. Fee: \$75 for 16 classes. Phone: 432-2015.

Awareness Through Movement—The Feldenkrais Method

Date: Starts 1 February. Fee: \$95 for 10 classes. Phone: 432-2015.

Tai Chi (1) and (2)

Date: Starts 25 January. Fee: \$95 for 10 classes. Phone: 432-2015

Gentle Stretch for Better Health

Date: Starts 26 January. Fee: \$40 for 10 classes. Phone: 432-2015.

So You Want to Computerize?

Date: 26 January. Time: 9 a.m. to 4:30 p.m. Fee: \$115. Phone: 432-5066

Transactional Accounting Workshop

Dates: 27 and 28 January. Time: 8:30 a.m. to 5:30 p.m. Fee: \$185 Phone: 432-5067.

Assertive Management for Women

Dates: 9, 10 and 11 February. Time: 9 a.m. to 4:30 p.m. Fee: \$250. Phone: 432-5066.

Tax Planning For the Owner Managed Business

Date: 10 and 11 February. Time: 9 a.m. to 4:30 p.m. Fee: \$165. Phone: 432-5067.

Short Course on the Income Tax Act

Dates: 15 February to 22 March. Time: 7 to 9 p.m. Fee: \$120. Phone: 432-5066.

Grievance Handling and the Arbitration Process

Dates: 17 and 18 February. Time: 9 a.m. to 4:30 p.m. Fee: \$250. Phone: 432-5067.

Management for New Managers
Dates: 21 and 22 February. Time: 9 a.m. to 4:30 p.m. Fee: \$165. Phone: 432-5066.

Short Course in Airphoto Interpretation
Date: 24 to 28 January. Time: 8:30 a.m. to 4:30 p.m. Fee: \$330. Phone: 432-5061.

Role of Concrete Quality Monitoring on Construction Sites
Date: 27 January. Time: 9 a.m. to 4:30 p.m. Fee: \$70. Phone: 432-5532.

Seminar on Lighting
Dates: 27 to 28 January. Instructor: Ernest Wotton. Fee: \$195. Phone: 432-3037 or 432-5038.

Contract Law for Engineers
Dates: 10 to 11 February. Time: 9 a.m. to 4:30 p.m. Instructor: Barrie Touchings. Fee: \$165. Phone: 432-3037 or 432-5038.

Management for Engineers
Dates: 21 to 22 February. Time: 9 a.m. to 4:30 p.m. Instructors: C.M. Lockwood and R.R. Faryon. Fee: \$185. Phone: 432-3037 or 432-5038.

Social Aspects of Facility Siting
Dates: 24 and 25 February. Time: 9 a.m. to 4:30 p.m. Instructors: Natalia Krawetz and William MacDonald. Fee: \$195. Phone: 432-3037 or 432-5038.

Sampler in Women's Studies
Dates: 6 Mondays beginning 31 January. Time: 7 to 9 p.m. Fee: \$30. Phone: call 432-3093.

Second Look for Women
Dates: 10 Thursdays beginning 27 January. Time: 9:30 a.m. to Noon. Instructor: Cheryl Malmo. Fee: \$65. Phone: 432-3093.

The Law As It Affects Women
Dates: 8 Wednesdays beginning 2 February. Time: 7:30 to 9:30 p.m. Instructor: Halyna Freeland. Fee: \$10. Phone: 432-3093.

Appreciating Women in Music
Dates: 6 Tuesdays beginning 8 February. Time: 7 to 9 p.m. Instructor: Mairi MacLean. Fee: \$40. Phone: 432-3093.

Images of Women in the Media
Dates: 6 Wednesdays beginning 9 February. Time: 7 to 9 p.m. Instructor: Nan MacLeod-Engel. Fee: \$30. Phone: 432-3093. call 432-3093.

Management Studies for Women

Leadership Skills and Techniques
Dates: 25 and 26 January. Time: 9 a.m. to 5 p.m. Fee: \$165. Phone: 432-2230.

Computing Services

Client Training Sessions
Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. Payment is required in advance and clients who do not cancel two business days in advance will be charged. For further information, please telephone Information Services at 432-2261, or come to 352 General Services Building.

Introduction to Computing at the U. of A.
Course number: 862. Date: 24 January. Time: 2 to 4 p.m. Fee: \$10. Prerequisites: No previous

computing experience, but familiarity with a keyboard is required. Place: 315 GSB.

MTS and Editor Fundamentals
Course number: 883. Date: 26, 28 January. Time: 11 a.m. to 1 p.m. Fee: \$15. Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and the MTS system. Place: 351 GSB.

MTS Overview
Course number: 915. Date: 25, 27 January. Time: 10 a.m. to Noon. Fee: \$15. Prerequisites: "MTS and Editor Fundamentals." Place: 315/327 GSB or 315/357 GSB.

Advanced Text Formatting
Course number: 937. Date: 14, 16, 18, 21, 23 February. Time: 2 to 4 p.m. Fee: \$25. Prerequisites: "Introduction to Text Formatting" or equivalent familiarity with TEXTFORM.

Introduction to Plotting
Course number: 946. Date: 22 February, 9 to 11 a.m. and 24 February, 10 a.m. to 1 p.m. Fee: \$20. Prerequisites: FORTRAN, basic MTS and Editor commands. Place: 315/351 GSB.

Integrated Graphics Overview
Course number: 948. Date: 2 March. Time: 1 to 3:30 p.m. Fee: \$10. Prerequisites: "Introduction to Plotting" is recommended. Place: 315 GSB.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

I tank for developing X-ray film (made by Pickers Int.) For further information, please telephone Imtiaz, 432-2101.

Notices

Campus Law Review Committee
The above committee will meet on 25 January at 9:30 a.m. in 3-15 University Hall to continue its consideration of a policy with respect to disturbances on campus. Anyone wishing to make a personal or written submission to the Campus Law Review Committee should give notice of such intent to Mrs. P.M. Plaskitt, 2-1 University Hall, telephone 432-4715.

Campus Reviews
As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews, the Departments of Chemical Engineering and Home Economics, and University Archives are completing the self-study phases of their reviews. The other major phase of the process is the site visit and assessment by a Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 10 February.

Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee. Submissions should be sent to: Mrs. L. Pearson, PACCR Office,

W4-13 Chemistry Building. Attention: The Unit Review Committee for Chemical Engineering, Home Economics, or University Archives (as appropriate).

Scholarships, Fellowships and Awards

The MacKenzie King Travelling Scholarships

Donor: The Late Right Hon. William Lyon Mackenzie King. Where tenable: United States or United Kingdom. Level: Graduate. Field: International or industrial relations (including the international or industrial aspects of law, history, politics, economics). Value: Up to \$7,000 (subject to change). Number: Four or five. Duration: one year. Conditions: Must be a graduate of a Canadian university who proposes to engage, either

in the United States or the United Kingdom, in post-graduate studies in the field of international or industrial relations (including the international aspects of law, history, politics, and economics). May not accept other awards or grants without the written approval of the Board of Scholarship Trustees. Closing date: 15 February 1983. Further information and application forms should be requested from: The University of British Columbia, MacKenzie King Scholarship Competition, Faculty of Graduate Studies, 235 2075 Westbrook Mall, Vancouver, B.C. V6T 1Z3.

The MacKenzie King Open Scholarship

Donor: The Late Right Hon. William Lyon Mackenzie King. Where tenable: Canada or elsewhere. Level: Graduate. Field: Any field. Value: Up to \$7,000 (subject to change). Number: One. Duration: One year. Conditions: Open to graduates of any Canadian university, a schol-

Brahms Festival

celebrating the 150th Anniversary
of Brahms' birthday

Concord String Quartet

Gilbert Kalish, piano
performing - A Minor String Quartet
- F Minor Piano Quintet
- Charles Ives String Quartet No. 2
February 9, 1983 8:00 pm
Convocation Hall, Old Arts Building
Admission: \$10.00 reg.
- \$7.50 students, senior citizens

The German Requiem

Performed by the Richard Eaton Singers, soloists
and the Edmonton Symphony Orchestra
conductor - Leonard Ratzlaff
February 16, 1983 8:00 pm
Jubilee Auditorium
Admission: \$6.00, \$8.00, \$10.00

Elly Ameling

Dutch Soprano
performing a Lieder Recital of mostly Brahms' songs
March 9, 1983 8:00 pm
Convocation Hall, Old Arts Building
Admission: \$10.00 reg.
- \$7.50 students, senior citizens

tickets at Sub Box Office and at BASS outlets



The University of Alberta
A 75th Anniversary Event

arship is offered in competition for full-time post-graduate studies in Canada or elsewhere and in any field. *Closing date:* 15 February 1983. *Further information and application forms should be requested from:* The University of British Columbia, MacKenzie King Scholarship Competition, Faculty of Graduate Studies, 235 2075 Westbrook Mall, Vancouver, B.C. V6T 1Z3.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Associate Director of Planning, Personnel Services and Staff Relations

Reporting to the Director, Personnel Services and Staff Relations, the Associate Director's responsibilities (for the non-academic staff) are: • to develop a comprehensive, innovative human resources planning program for the effective utilization and development of the University's support staff • to develop, organize, promote and monitor the results of an effective Equal Employment Opportunities program throughout the University • to provide information so that the recruitment and career development activities are in line with EEO objectives • to raise the level of knowledge re-EEO through close association with those responsible for training, performance assessment, wage and salary administration, labor relations, pensions, etc. to ensure equal opportunities exist for career development.

The ideal candidate would be a university graduate with excellent communicative and interpersonal skills who has recruitment and manpower planning experience in a professional or educational environment and who has knowledge and sensitivity to EEO program development. Rewards include an attractive salary and benefits package, the opportunity to work in an interesting, creative environment, and a secure future with a respected employer.

To explore this innovative and high impact

position further, please send your resume to: Mr. R.G. Scott C.A., J.R. Associates, International Management Consultants, Suite 1300, 505 Third Street S.W., Calgary, Alberta T2P 3E6. Telephone (403) 266-1811.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 14 January 1983. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in P.S.S.R.

Clerk Typist III (\$1,232 - \$1,487) Administrative Services
Admission Records Trainee (\$1,232 - \$1,487) Office of the Registrar
Student Records Processing Clerk (\$1,232 - \$1,487) Arts, Extension
Clerk Steno III (\$1,232 - \$1,487) Sociology
Systems Control Clerk (Part-time, Term) (\$758 - \$884) Office of the Comptroller
Research Assistant (Trust) (\$1,030 - \$1,232) Physics
Laboratory Assistant II/III (Part-time, trust) (\$664 - \$892) Medicine
Animal Technician I (Trust) (Part-time) (\$713 - \$877) MSB Animal Unit
Storeman I (\$1,148 - \$1,373) Chemistry
Storeman III (\$1,324 - \$1,616) Chemistry
Laboratory Technologist I (\$1,754 - \$2,171) Provincial Laboratory
Biochemistry Technologist II (Trust) (\$1,829 - \$2,265) Pediatrics
Electronics Technician III (\$1,908 - \$2,368) Computing Science
Technologist III (\$2,078 - \$2,581) Genetics
Programmer/Analyst III (Trust) (\$2,472 - \$3,085) Computing Science
Instrument Mechanic (\$2,985) Physical Plant (Utilities-Mechanical)

For vacant library positions, please contact the Library Personnel Office, 5th floor, Cameron Library, telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale - By owner. Executive townhouse, West end. Five appliances. Heated garage. Fireplace. Phone 435-0250.

For rent - One bedroom suite in luxury, hi-rise condo. Heated parking, pool, sauna. 433-9814.

For sale - Exciting semi-bungalow in Parkallen area. 1,260 sq. ft. includes six rooms, two baths and two basement bedrooms. Double garage. \$89,500. Call June Hill, Royal Trust 488-0620.

For rent - Deluxe, one bedroom, 800 sq. ft. living space. \$425. Ste. #6, 6720-112 St.

For sale - By owner, Westbrook area, crescent location, four bedroom, split-level, 2 1/2 baths, family room, fireplace, finished basement. 435-7627.

For sale - Three acres, gorgeous 'A' frame home, nestled in setting of mature trees, has four bedrooms plus den, two fireplaces. \$207,000. Fifteen minutes to city. Call Louise at Langley. 436-3050, 438-6109.

Renting during March-June 1983. Three bedroom house, Belgravia. Fully furnished and equipped. Call 432-4077 days, 437-7401 evenings.

For rent - Four bedroom, furnished home for one year. \$850. Phone 432-5979, 436-9302.

For rent - Two bedroom apartment. \$370, utilities included. Close to University & Southgate. 435-5410.

For rent - Furnished, one bedroom basement suite. One block from campus. Call 433-0722.

For sale - Reduced-\$70,000. Downtown condo. Bedroom, den, underground parking. Resi Richter 483-9432, 455-4181. A. E. LePage.

For sale - Millereck starter home. \$59,900. Resi Richter 483-9432, 455-4181. A.E. LePage.
For sale - Windsor Park bungalow. Vendor anxious. Resi Richter 483-9432, 455-4181. A.E. LePage.

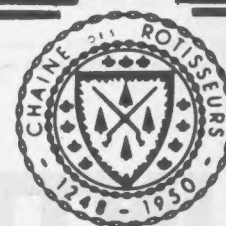
Accommodations wanted

Visiting scientist (Postdoctoral) wishes to rent a house for up to one year, beginning approximately 1 April 1983. Family with three small children. Please contact Ellie Prepas. 432-3463, 432-3308.

Wanted - Belgravia home up to \$125,000. First April possession. Call DeAnna Larson 481-0936, 436-5250. Spencer's.

Goods for sale

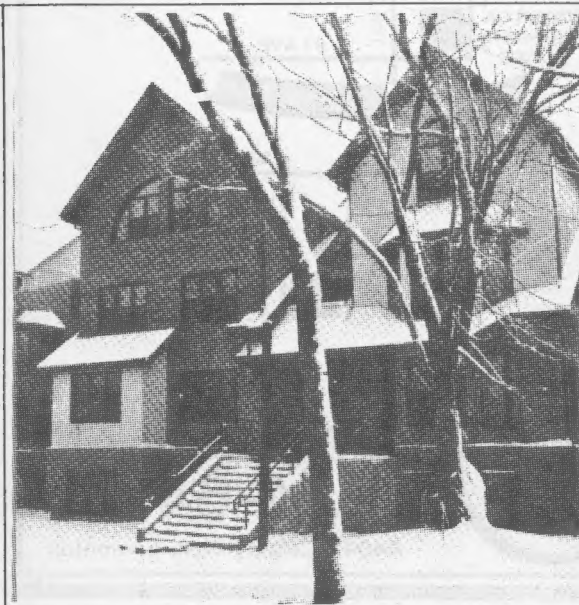
Collection of English, oak, dining-room furniture. 433-9814.



Bruno's
RESTAURANT
8223-109 ST.
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Now Open for Lunch

11:30-2 PM
MON-FRI



Temporary housing is now available to faculty and staff in the

New Garneau Student Housing

Available: 2 and 4 bedroom units equipped with fridge and stove, venetian blinds in bedrooms, carpeting; some units with balconies and bay windows; on site laundry facilities; parking available.

4 renovated houses

Location: Between 110th and 111th Streets on 88th Avenue.

Rent: From \$200.00 per person, excluding utilities.

Available: February 1st to May 31st, 1983.

Contact: Deb Pallant, Housing and Food Services, 432-4281.

Tanuki racoon pant coat. Natural color fur Value \$1,500. Best offer. 433-7531.

Moving, furniture for sale, low price. Call evenings 439-9575.

Glass shower door. Toilet. Lavatory. 436-3119 evenings.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.

Singing teacher, Eileen Turner 439-4661.

Relief for backache, stress, tension. The Krieg Clinic provides specialized medical massage and chirogymnastic. Fully qualified and German trained. Gifts certificates available. Maria Krieg C.P.H.T. 436-8059, 11627-75 Ave.

Ecole de l'Alliance Francaise will resume its French courses for adults and children at all levels on 24 January. For further information, please contact 435-2260.

Part-time, temporary job available (Jan. - April) in gourmet coffee shop. Approximately 20 hours per week. Ask for Sylvia, weekdays between 7:30 a.m. and 3:00 p.m. at 8907-112 St. 433-5573.

English girl seeks live-in position as nanny or housekeeper/babysitter commencing end March. 433-4007 Pat.

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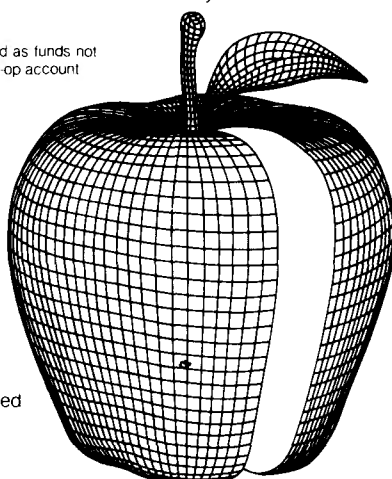
All new investments* made to your daily interest Co-op Bonus Account from

January 1st — February 5th, 1983

will earn you interest from Jan. 1, provided the funds remain in your Co-op Bonus Account at least 21 days from the date of investment.

* New investments are defined as funds not previously invested in any Co-op account

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ATTENTION

**UNIVERSITY ACADEMIC
& NON-ACADEMIC STAFF**

**HOTEL
CONVENTION INN**
OFFERS

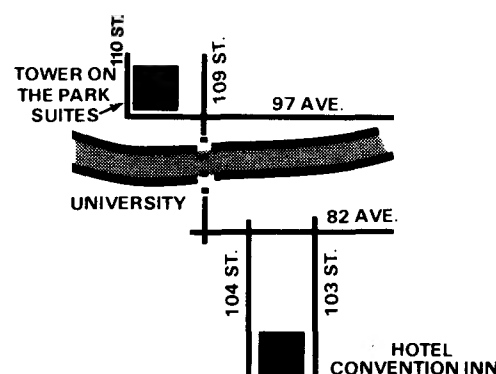
50%

OFF ALL REGULAR ROOM RATES

~~\$78.~~ - ~~\$150.~~

**CONTACT HOTEL CONVENTION INN
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PROMOTION RATES**

ALSO ASK ABOUT OUR LUXURY APARTMENT
HOTEL — TOWER ON THE PARK — 100 EXECU-
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DININGROOM AND FULLY EQUIPPED KITCHEN.
FULLY-FURNISHED, MAID SERVICE, AND DAILY,
WEEKLY, OR MONTHLY RATES!



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